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US 20060036286 A1	US- PGPUB	20060216	Monitoring, preventing, and treating rejection of transplanted organs	607/3		Whitehurst, Todd K. et al.
US 20050245987 A1	US- PGPUB	20051103	Method for programming implantable device	607/46	607/28	Woods, Carla M. et al.
US 20050209655 A1	US- PGPUB	20050922	Method for optimizing search for spinal cord stimulation parameter settings	607/48		Bradley, Kerry et al.
US 20050143781 A1	US- PGPUB	20050630	Methods and systems for patient adjustment of parameters for an implanted stimulator	607/11	607/31	Carbunaru, Rafael et al.
US 20050075707 A1	US- PGPUB	20050407	Axial to planar lead conversion device and method	607/115		Meadows, Paul M. et al.
US 20040267321 A1	US- PGPUB	20041230	Method and apparatus for monitoring drug effects on cardiac electrical signals using an implantable cardiac stimulation device	607/3	607/9	Boileau, Peter et al.
US 20040230231 A1	US- PGPUB	20041118	Method and system for treating atrial fibrillation	607/5		Thacker, James R. et al.
US 20040116978 A1	US- PGPUB	20040617	Method for determining stimulation parameters	607/48		Bradley, Kerry
US 20040106962 A1	US- PGPUB	20040603	Implantable stimulation device and method for adjusting AV/PV delay according to	607/19		Mai, Junyu et al.

			patient's posture			
US 20040106954 A1	US- PGPUB	20040603	Treatment of congestive heart failure	607/3		Whitehurst, Todd K. et al.
US 20040015205 A1	US- PGPUB	20040122	Implantable microstimulators with programmable multielectrode configuration and uses thereof	607/48		Whitehurst, Todd K. et al.
US 20040015204 A1	US- PGPUB	20040122	Implantable microstimulators and methods for unidirectional propagation of action potentials	607/48		Whitehurst, Todd K. et al.
US 20040002743 A1	US- PGPUB	20040101	Implantable cardiac device having a system for detecting T wave alternan patterns and method	607/25		Park, Euljoon et al.
US 20030236558 A1	US- PGPUB	20031225	Vagus nerve stimulation via unidirectional propagation of action potentials	607/45		Whitehurst, Todd K. et al.
US 20030236557 A1	US- PGPUB	20031225	Cavernous nerve stimulation via unidirectional propagation of action potentials	607/39		Whitehurst, Todd K. et al.
US 20030208241 A1	US- PGPUB	20031106	Method and apparatus for providing atrial autocapture in a dynamic atrial overdrive pacing system for use in an implantable cardiac stimulation device	607/27		Bradley, Kerry et al.
US 20030195580	US- PGPUB	20031016	Method and apparatus for	607/28		Bradley, Kerry et al.

A1			monitoring myocardial conduction velocity for diagnostics of therapy optimization				
US 20030195579 A1	US- PGPUB	20031016	Automatic capture using independent channels in bi-chamber stimulation	607/27			Bradley, Kerry et al.
US 20030153959 A1	US- PGPUB	20030814	Neural stimulation system providing auto adjustment of stimulus output as a function of sensed coupling efficiency	607/48			Thacker, James R. et al.
US 20030153957 A1	US- PGPUB	20030814	Method and apparatus for automatic capture verification using polarity discrimination of evoked response	607/27			Bradley, Kerry
US 20030149453 A1	US- PGPUB	20030807	System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	607/17			Kroll, Mark W. et al.
US 20030149367 A1	US- PGPUB	20030807	System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	600/483			Kroll, Mark W. et al.
US 20030139781	US- PGPUB	20030724	Apparatus and method for	607/48			Bradley, Kerry et al.

A1			determining the relative position and orientation of neurostimulation leads				
US 20030114899 A1	US- PGPUB	20030619	Patient programmer for implantable devices	607/60	607/43	Woods, Carla Mann et al.	
US 20030093134 A1	US- PGPUB	20030515	Method for increasing the therapeutic ratio/usage range in a neurostimulator	607/72		Bradley, Kerry	
US 20030083708 A1	US- PGPUB	20030501	Implantable cardiac stimulation system and method for automatic capture verification calibration	607/27		Bradley, Kerry et al.	
US 20030083698 A1	US- PGPUB	20030501	Thrombolysis and chronic anticoagulation therapy	607/3		Whitehurst, Todd K. et al.	
US 20030050671 A1	US- PGPUB	20030313	Method and device for enhanced capture tracking by discrimination of fusion beats	607/27		Bradley, Kerry	
US 20030032997 A1	US- PGPUB	20030213	Low impedance high strength medical electrical lead	607/117		Pianca, Anne M. et al.	
US 20030032992 A1	US- PGPUB	20030213	System and method of rapid, Comfortable parameter switching in spinal cord stimulation	607/43		Thacker, James R. et al.	
US 20020002389	US- PGPUB	20020103	Cardiac stimulation	607/8		Bradley, Kerry et al.	

A1			devices and methods for measuring impedances associated with the left side of the heart				
US 20010049542 A1	US-PGPUB	20011206	System and method for automatically verifying capture during multi-chamber stimulation	607/28			Florio, Joseph J. et al.
US 20010037067 A1	US-PGPUB	20011101	System and method for monitoring progression of cardiac disease state using physiologic sensors	600/483	607/17		Tchou, Patrick et al.
US 7027867 B2	USPAT	20060411	Implantable cardiac device having a system for detecting T wave alternan patterns and method	607/25	600/517		Park; Euljoon et al.
US 7020524 B1	USPAT	20060328	Implantable cardiac stimulation device having optimized AV/PV delays for improved atrial kick during automatic capture and threshold determinations	607/27			Bradley; Kerry A.
US 7006869 B2	USPAT	20060228	Method and device for enhanced capture tracking by discrimination of fusion beats	607/28			Bradley; Kerry
US 6993384	USPAT	20060131	Apparatus and	607/2			Bradley;

B2			method for determining the relative position and orientation of neurostimulation leads			Kerry et al.
US 6970741 B1	USPAT	20051129	Monitoring, preventing, and treating rejection of transplanted organs	607/3	128/899; 607/63	Whitehurst; Todd K. et al.
US 6961615 B2	USPAT	20051101	System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	607/18		Kroll; Mark W. et al.
US 6950704 B1	USPAT	20050927	Use of ER signal variability for fusion detection and response in ventricular and atrial autocapture algorithms	607/28		Bradley; Kerry
US 6931281 B2	USPAT	20050816	Method and apparatus for monitoring myocardial conduction velocity for diagnostics of therapy optimization	607/9	607/17; 607/28	Bradley; Kerry et al.
US 6915164 B2	USPAT	20050705	Automatic capture using independent channels in bi-chamber stimulation	607/29		Bradley; Kerry et al.
US 6865421 B2	USPAT	20050308	Method and apparatus for automatic capture verification using polarity	607/27		Bradley; Kerry

				discrimination of evoked response				
US 6810284 B1		USPAT	20041026	Implantable cardiac stimulation system and method for monitoring diastolic function	600/510	607/27		Bradley; Kerry
US 6748261 B1		USPAT	20040608	Implantable cardiac stimulation device for and method of monitoring progression or regression of heart disease by monitoring interchamber conduction delays	600/510	600/509; 607/9		Kroll; Mark W. et al.
US 6738669 B1		USPAT	20040518	System and method for multichamber cardiac stimulation with ventricular capture verification using far-field evoked response	607/28	607/15		Sloman; Laurence S. et al.
US 6738666 B1		USPAT	20040518	Detection of orthostatic hypotension using positional data and cross-check data	607/18			Park; Euljoon et al.
US 6731985 B2		USPAT	20040504	Implantable cardiac stimulation system and method for automatic capture verification calibration	607/28			Poore; John W. et al.
US 6711439 B1		USPAT	20040323	Evoked response variability as an	607/9			Bradley; Kerry et al.

			indicator of autonomic tone and surrogate for patient condition				
US 6658283 B1	USPAT	20031202	Implantable cardiac stimulation device, system and method which provides an electrogram signal having the appearance of a surface electrocardiogram	600/510			Bornzin; Gene A. et al.
US 6645153 B2	USPAT	20031111	System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	600/481	600/300; 600/301; 600/508; 600/513; 600/529		Kroll; Mark W. et al.
US 6643549 B1	USPAT	20031104	Cardiac stimulation device and method for storing diagnostic data in an automatic capture system	607/28			Bradley; Kerry et al.
US 6622042 B1	USPAT	20030916	Implantable cardiac stimulation device and method utilizing electrogram spectral analysis for therapy administration	607/14	600/518		Thacker; James R.
US 6587723 B1	USPAT	20030701	Method and system for automatically measuring capture threshold in an implantable cardiac	607/28			Sloman; Laurence S. et al.

			stimulation device				
US 6572557 B2	USPAT	20030603	System and method for monitoring progression of cardiac disease state using physiologic sensors	600/483			Tchou; Patrick et al.
US 6567700 B1	USPAT	20030520	Implantable cardiac stimulation device and method which optimizes pacing effectiveness	607/9	607/18		Turcott; Robert et al.
US 6512953 B2	USPAT	20030128	System and method for automatically verifying capture during multi-chamber stimulation	607/28			Florio; Joseph J. et al.
US 6498950 B1	USPAT	20021224	Implantable cardiac stimulation device having optimized AV/PV delays for improved atrial kick during automatic capture and threshold determinations	607/27	607/11		Bradley; Kerry A
US 6490486 B1	USPAT	20021203	Implantable cardiac stimulation device and method that monitors displacement of an implanted lead	607/28	600/374; 607/122; 607/4		Bradley; Kerry
US 6473647 B1	USPAT	20021029	Implantable cardiac stimulation device for and method of monitoring progression or regression of	607/27	607/9		Bradley; Kerry

			heart disease by monitoring evoked response features				
US 6456880 B1	USPAT	20020924	Implantable cardiac stimulation device for and method of monitoring progression or regression of a patient's heart condition by monitoring ventricular repolarization interval dispersion	607/25			Park; Euljoon et al.
US 6345201 B1	USPAT	20020205	System and method for ventricular capture using far-field evoked response	607/28	600/521; 607/4; 607/9		Sloman; Laurence S. et al.
US 6175766 B1	USPAT	20010116	Cardiac pacemaker autothreshold arrangement and method with reliable capture	607/28			Bornzin; Gene A. et al.
US 6128534 A	USPAT	20001003	Implantable cardiac stimulation device and method for varying pacing parameters to mimic circadian cycles	607/17	607/25		Park; Euljoon et al.
US 5991661 A	USPAT	19991123	System and method for measuring cardiac activity	607/19			Park; Euljoon et al.
US 5800467 A	USPAT	19980901	Cardio-synchronous impedance measurement	607/17			Park; Euljoon et al.

			system for an implantable stimulation device				
US 5490323 A		USPAT	19960213	Method for making a body implantable sensor	29/825	607/122	Thacker; James R. et al.
US 5438987 A		USPAT	19950808	Implantable lead for sensing a physiologic parameter of the body	600/337	607/122; 607/22	Thacker; James R. et al.
US 5267564 A		USPAT	19931207	Pacemaker lead for sensing a physiologic parameter of the body	600/310	607/122; 607/22	Barcel; James E. et al.
US 5176138 A		USPAT	19930105	Implantable pacemaker having means for automatically adjusting stimulation energy as a function of sensed SO.sub.2	607/22	607/18	Thacker; James R.
US 5024222 A		USPAT	19910618	Hemodynamically rate responsive pacemaker and method of automatically adjusting the escape and A-V intervals	607/22		Thacker; James R.
US 4998975 A		USPAT	19910312	Travenously placed defibrillation leads	607/5	607/119	Cohen; Donald M. et al.
US 4712555 A		USPAT	19871215	Physiologically responsive pacemaker and method of adjusting the pacing interval thereof	607/17		Thornander; Hans T. et al.